Experience of DTT Platform Construction in African countries

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StarTimes Software Technology Co., ltd.

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成为全球有影响力的传媒集团
A Media Group With Global Influence

系统集成商
System Integrator

技术提供商
Technology Provider
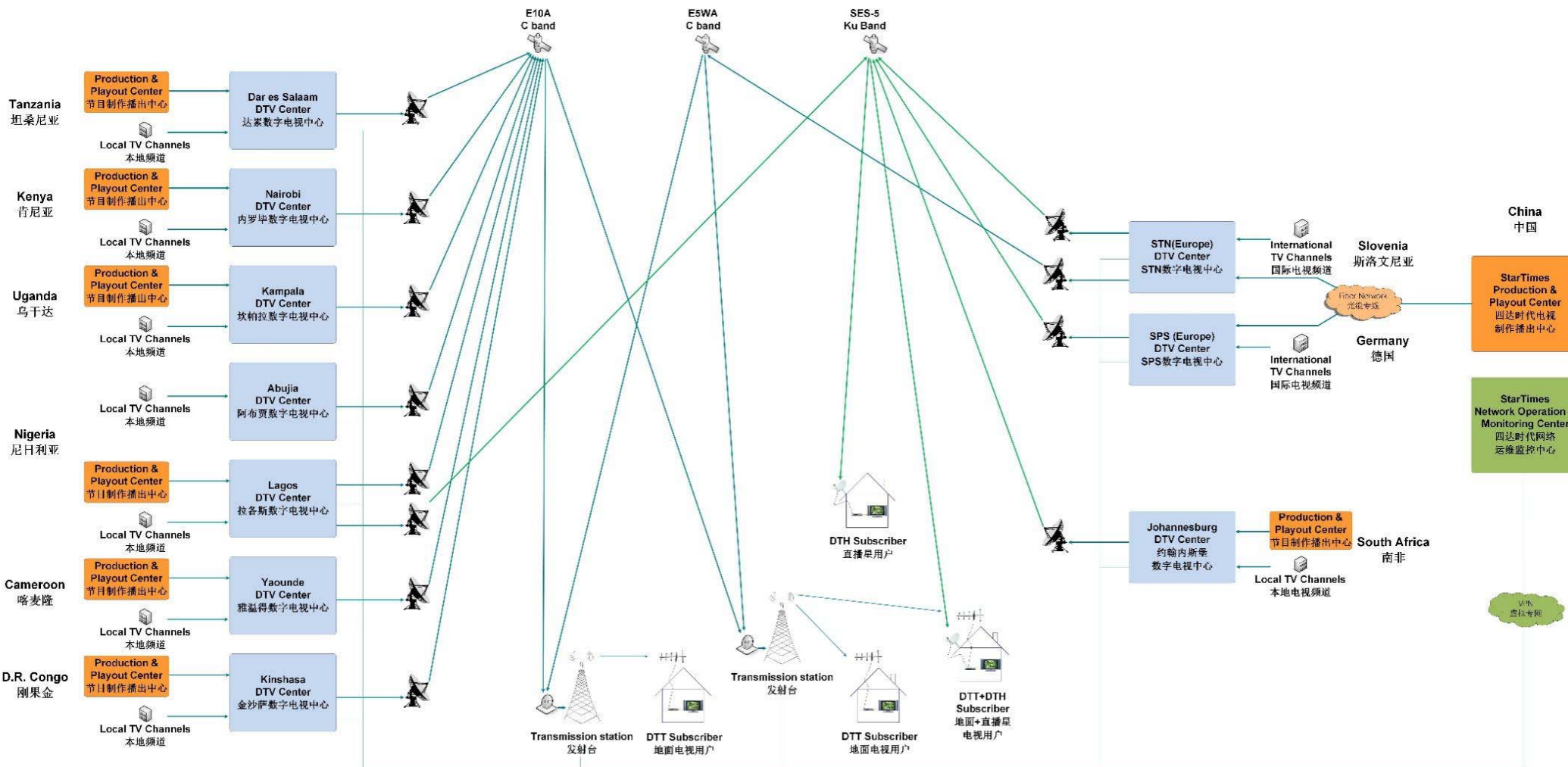
网络运营商
Network Operator

内容提供商
Content Provider

StarTimes in Africa

- The fastest-growing, most influential digital TV operator in Africa
- 200+ DTT transmission sites
- DTH signal covers all the sub-Sahara area
- 9 million+ subscribers
- 440+ channels
- 4000+ employee

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StarTimes Digital TV Transmission Platform
四达时代数字电视传输平台

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Typical DTT System composition

- Content contribution
- DVB headend
- Backbone transmission
- Transmission sites
- Terminal system
- Business and operation supporting system

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3 Topics to discuss

3.1 FTA or Pay TV?

3.2 Coverage Scenarios

3.3 Infrastructure issues

3.4 Receiving Terminals

3.5 System operation and maintenance

3.6 "Internet +" DTT

3.1 FTA and PayTV

- DTT make it possible to provide payTV channels
- DTT satisfy both universal access and commerical service
- CAS is recomended
  - necessary for payTV service
  - market access for terminals

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3.2 Coverage Scenarios

- a)large area universal access
  - Tx site on Highland
  - High power transmitters
  - Rooftop receiving
- b)Uban area
  - TX site Inside or near the city
  - Medium power transmitters
  - SFN is proposed

- c) rural areas
  - low power Transposer/gapfiller
  - Rooftop receiving
  - DTH

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3.3 Infrastructure issues

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3.3 Infrastructure issues

3.4 Receiving Terminals

- Terminal is the key sucess factor
- StarTimes products
  - STB
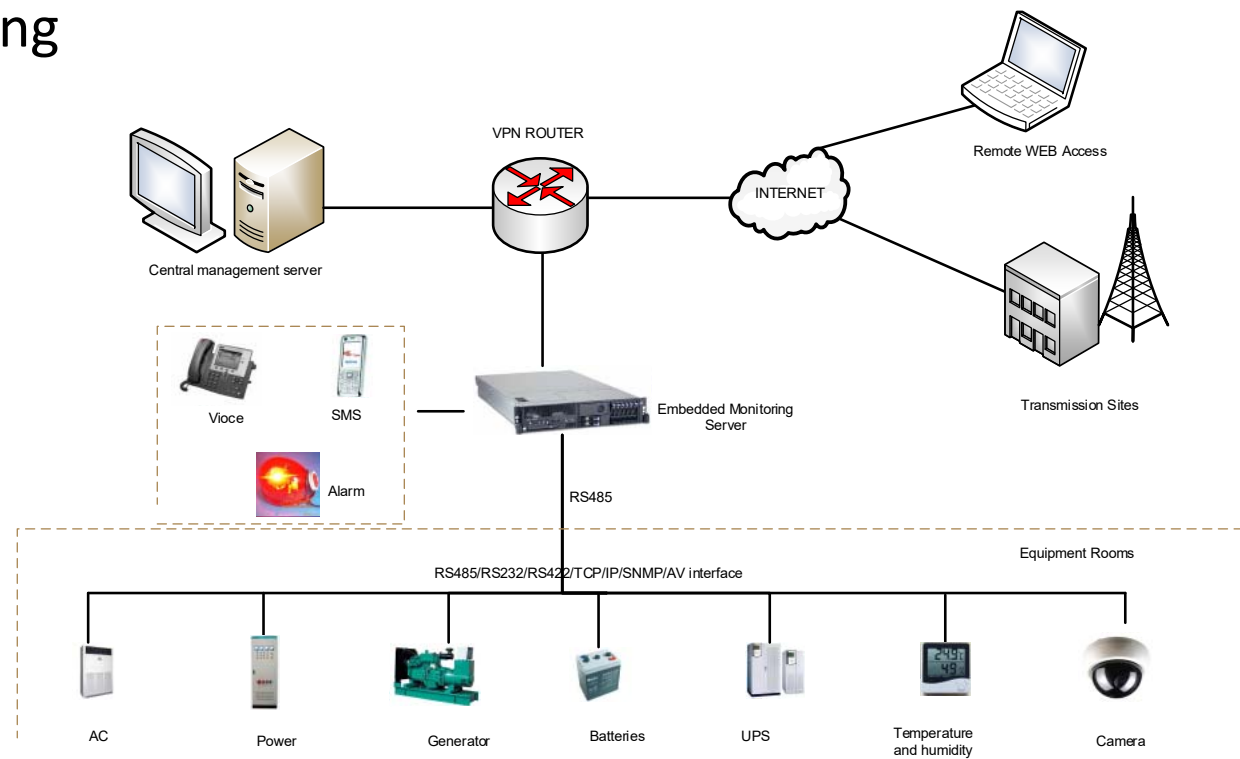 - Integrated Digital TV set
  - Projector TV
  - Solar power supply system
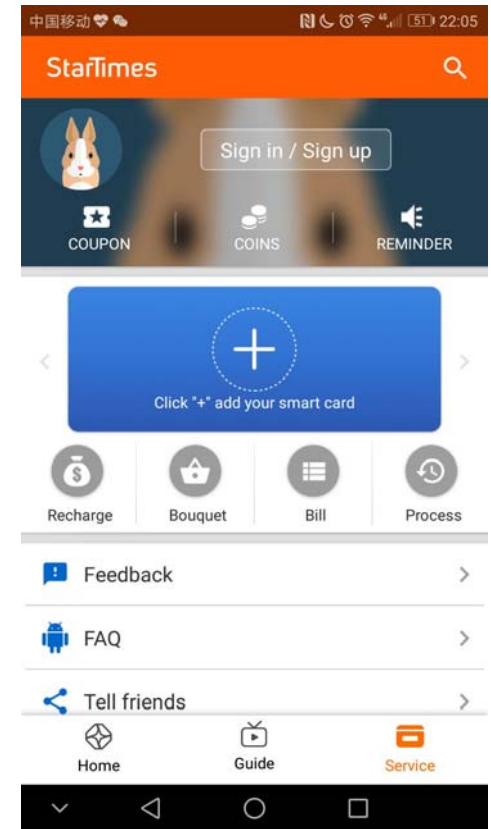
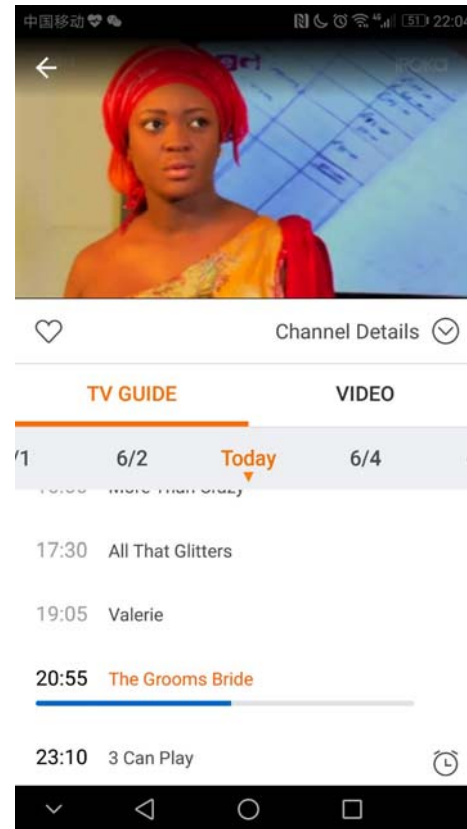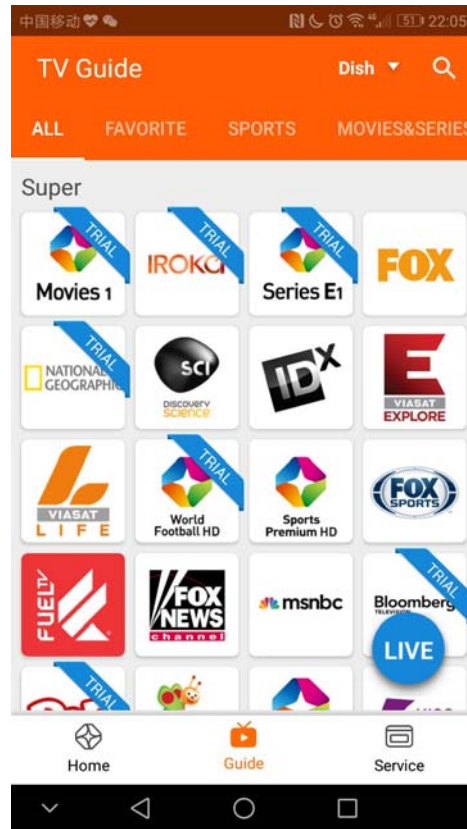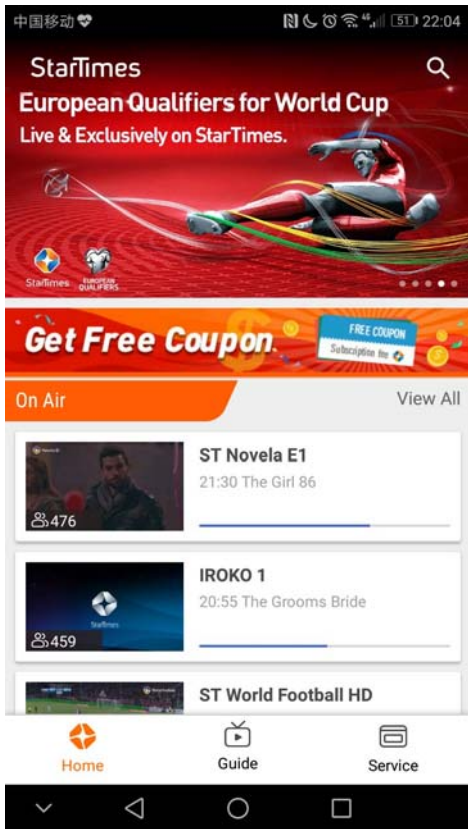StarTimes

3.5 System operation and maintenance

- Maintennace is extremely important and necessary
- Training
- Technological means

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3.5 System operation and maintenance

- Remote control monitioring
- Network connection
  - 3G/4G
  - VSAT
  - Fiber

3.6 "Internet +" DTT

Thanks !

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